

AMENDMENT TO THE SPECIFICATION

Please replace paragraph [0027] with the following amended paragraph:

[0027] A light source in accordance with the principles of the invention may be used as a decorative lighting element or may be utilized as a general illumination device. As shown in FIG. 1, a light source 100 in accordance with the invention includes an elongate thermally conductive member or heat sink 101. Elongate heat sink 101 is formed of a material that provides excellent thermal conductivity. Elongate heat sink 101 in the illustrative embodiment of the invention is a tubular aluminum extrusion. To improve the heat dissipative properties of light source 100, elongate heat sink 101 is configured to provide convective heat dissipation and cooling. As more clearly seen in FIG. 2, tubular heat sink 101 is hollow and has an interior cavity 103 that includes one or more heat dissipating fins or protrusions 105. Fins 105 are shown as being triangular in shape, but may take on other shapes. Fins 105 are integrally formed on the interior of elongate heat sink 101. In the illustrative embodiment convective cooling is provided by movement of a medium 102 through elongate heat sink 101. The medium utilized in the illustrative embodiment is air, but may in some applications be a fluid other than air to provide for greater heat dissipation and cooling

Please replace paragraph [0029] with the following amended paragraph:

[0029] Conductive paths 129 are provided to connect LEDs 109 to an electrical connector 111. The conductive paths may be disposed on an electrically insulating layer 131 or layers disposed on exterior surface 107. In the illustrative embodiment shown in the drawing figures, the conductive paths and insulating layer are provided by means of

one or more flexible printed circuits 113 that are permanently disposed on surface 107. As more easily seen in FIG. 6, printed circuit 113 includes an electrically insulating layer 131 that carries conductive paths 129. As will be appreciated by those skilled in the art, other means of providing the electrically conductive paths ~~on the~~ may be provided.

Please replace paragraph [0030] with the following amended paragraph:

[0030] Flexible printed circuit 113 has LED's 109 mounted to it in a variety of orientations ranging from 360 degrees to 180 degrees and possibly others depending on the application. Electrical connector 111 is disposed at one end of printed circuit 113. Connector ~~113~~ 111 is coupleable to a separate power supply to receive electrical current. Flexible printed circuit 113, in the illustrative embodiment is coated with a non-electrically conductive epoxy that may be infused with optically reflective materials. Flexible printed circuit 113 is adhered to the tube 101 with a heat conducting epoxy to aid in the transmission of the heat from LEDs 109 to tube 101. Flexible printed circuit 113 has mounting holes 134 for receiving LEDs 109 such that the backs of LEDs 109 are in thermal contact with the tube surface 107.